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September 8, 2006

We are sending a total of 8 pages including this cover sheet.

**Re:** John A. McClure et al.  
SN 10/733,960  
Filed 12/11/2003  
Art Unit 3661  
Examiner Marie A. Weiskopf  
Attorney Docket Number 3090

**To:** U.S. Patent Office

**Facsimile No.:** 571-273-8300

**From:** Mark Brown

Attached are the following documents:

Transmittal Form (1 pg)  
Revocation of Power of Attorney with New Power of Attorney (1 pg)  
Statement Under 37 CFR 3.73(b) (1 pg)  
Assignment (4 pg)

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/733,960	<b>RECEIVED</b> <b>CENTRAL FAX CENTER</b> <b>SEP 08 2006</b>
	Filing Date	December 11, 2003	
	First Named Inventor	John A. McClure	
	Art Unit	3661	
	Examiner Name	Maria A. Welskopf	
Total Number of Pages in This Submission	8	Attorney Docket Number	3090

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Statement Under 37 CFR 3.73(b) Assignment Copy
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Law Office of Mark Brown, LLC	
Signature	<i>Mark Brown</i>	
Printed name	Mark Brown	
Date	9/8/06	Reg. No. 30,361

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:		
Signature	<i>Mark Brown</i>	
Typed or printed name	Mark Brown	Date 9/8/06

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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SEP 08 2006

PTO/SB/82 (01-08)

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**REVOCATION OF POWER OF  
ATTORNEY WITH  
NEW POWER OF ATTORNEY  
AND  
CHANGE OF CORRESPONDENCE ADDRESS**

Application Number	10/733,980
Filing Date	December 11, 2003
First Named Inventor	John A. McClure et al.
Art Unit	3661
Examiner Name	Marie A. Welskopf
Attorney Docket Number	3090

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number:

63151

☐ Please change the correspondence address for the above-identified application to:☐ The address associated with  
Customer Number:

OR

☐ Firm or  
Individual Name

Address

City

State

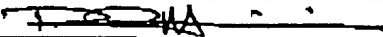
Zip

Country

Telephone

Email

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**Signature 

Name Richard W. Heiniger

Date 9/16/06

Telephone 785-742-SP49 ext 225

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ \*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.38. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/88 (11-05)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Hemisphere GPS LLC**RECEIVED  
CENTRAL FAX CENTER**Application No./Patent No.: 10/733,960 Filed/Issue Date: December 11, 2003**SEP 08 2006**Entitled: Articulated equipment position control system and method

Hemisphere GPS LLC

a limited liability company

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

In the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s); of the patent application/patent identified above, to the current assignee as follows:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Richard W. Heiniger  
Signature  
Richard W. Heiniger  
Printed or Typed Name  
President  
Title

9-6-06  
Date  
735-762-2949  
Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**ASSIGNMENT AGREEMENT**

On the date shown below, and for good and valuable consideration the receipt of which is hereby acknowledged, JOHN A. MCCLURE, an individual and a Canadian citizen, and RICHARD W. HEINIGER, JOHN T.E. TIMM, KENT D. FUNK and RICHARD B. WONG, individuals and United States citizens ("Assignors") made the following assignment and promises to HEMISPHERE GPS LLC., a limited liability company in the State of Delaware, having a principal place of business at 2005 West Oregon Street, Hiawatha, Kansas 66434 ("Assignee") in connection with said invention of a new, original, novel and unique ("Invention").

- 1) We assign, transfer, and convey to Assignee the entire right, title and interest in and to
  - (a) the Invention;
  - (b) the provisional application Serial No. 60/632,719 filed December 11, 2002;
  - (c) the application for United States Letters Patent Serial No. 10/733,960 filed on December 11, 2003;
  - (d) any Letters Patent issued pursuant to, or as a result of, the applications referenced above;
  - (e) all applications for Letters patent; or similar legal protection, which may be filed in any country or countries foreign to the United States with respect to the Invention;
  - (f) all Letters Patent which may be granted for the Invention in any country or countries foreign to the United States; and
  - (g) all extensions, renewals, reissues, divisions, and continuations (or their legal equivalents) of any applications or Letters Patent referred to above.
- 2) We authorize and request the Commissioner for Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or similar legal protection on applications to issue to Assignee all Letters Patent or similar legal protection for the Invention or Improvements.
- 3) We agree that, upon the request of the Assignee, we will
  - (a) execute any all divisional and renewal applications for the Invention or improvements;

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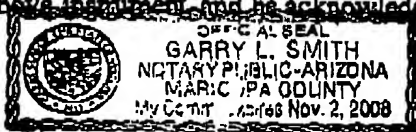
SEP 08 2006

- (b) execute any supplemental oath relating to the Invention or improvements;
- (c) execute any application for reissue or extension of any Letters Patent that may be granted upon the application;
- (d) cooperate to the best of our ability in connection with any Interference proceeding, including but not limited to, cooperation in connection with preparing the preliminary statement and giving and producing evidence in support of such preliminary statement;
- (e) perform such additional acts as Assignee may deem necessary or expedient in connection with any of the matters stated above.
- 4) We covenant and warrant that as of the date of this Assignment Agreement, We are the true and lawful owner of the entire right, title, and interest in the Invention, application for Letters Patent, and any Letters Patent which may issue under said application, and have the full right and power to convey the same; that the same are free and clear of all liens, charges and encumbrances whatsoever; and that we have not executed and will not execute any agreement in conflict with this Assignment Agreement.
- 5) This Assignment Agreement is binding upon , shall inure to the benefit of, and shall be performed by the parties named, their heirs, administrators, legal representatives, successors and assigns.

9/11/06  
Date  
JOHN A. MCCLURE

STATE OF ARIZONA     )  
                                  ) SS.  
COUNTY OF MARICOPA   )

On this 1 day of Sept., 2006, before me a Notary Public in and for the above State and County, personally appeared JOHN A MCCLURE, to me known and known to me to be the person of that name who signed and sealed the above instrument, and he acknowledged the same to be his free act and deed.

My Commission Expires: 11/02/2008  
Notary Public

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SEP 08 2008

9/1/2006

Date

  
JOHN T. E. TIMMSTATE OF ARIZONA )  
 ) SS.  
COUNTY OF MARICOPA )

On this 1 day of Sept, 20 06, before me a Notary Public in and for the above State and County, personally appeared JOHN T.E. TIMM, to me known and known to me to be the person of that name who signed and sealed the above instrument, and he acknowledged the same to be his free act and deed.



Notary Public

My Commission Expires: 11/12/20089/1/2006

Date

  
RICHARD B. WONGSTATE OF ARIZONA )  
 ) SS.  
COUNTY OF MARICOPA )

On this 1 day of Sept, 20 06, before me a Notary Public in and for the above State and County, personally appeared RICHARD B. WONG, to me known and known to me to be the person of that name who signed and sealed the above instrument, and he acknowledged the same to be his free act and deed.



Notary Public

My Commission Expires: 11/02/2008

9-6-06

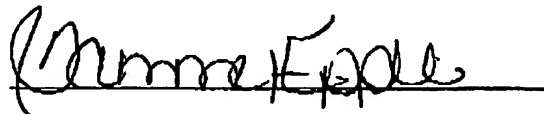
Date



RICHARD W. HEINIGER

STATE OF KANSAS       )  
                                  ) SS.  
COUNTY OF BROWN    )

On this 6 day of September, 2006, before me a Notary Public in and for the above State and County, personally appeared RICHARD W. HEINIGER, to me known and known to me to be the person of that name who signed and sealed the above instrument, and he acknowledged the same to be his free act and deed.

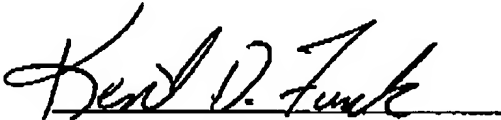


Notary Public

My Commission Expires:

6/20/108-31-06

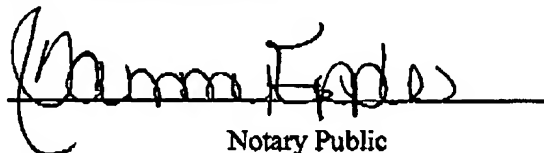
Date



KENT D. FUNK

STATE OF KANSAS       )  
                                  ) SS.  
COUNTY OF BROWN    )

On this 31 day of August, 2006, before me a Notary Public in and for the above State and County, personally appeared KENT D. FUNK, to me known and known to me to be the person of that name who signed and sealed the above instrument, and he acknowledged the same to be his free act and deed.



Notary Public

My Commission Expires:

6/20/10



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